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1636 Page 1 of 5

#20  
Dna  
12/11/01 1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/607,361C

DATE: 11/16/2001 ✓

TIME: 15:16:47

Input Set : A:\Seq List.txt

Output Set: N:\CRF3\11162001\1607361C.raw

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3 <110> APPLICANT: SHIGEMORI, Yasushi
4 OISHI, Michio
6 <120> TITLE OF INVENTION: LIGATION OF DOUBLE-STRANDED DNAS
8 <130> FILE REFERENCE: 032735-003
10 <140> CURRENT APPLICATION NUMBER: US 09/607,361C.
11 <141> CURRENT FILING DATE: 2000-06-30
13 <150> PRIOR APPLICATION NUMBER: JP 11-189211
14 <151> PRIOR FILING DATE: 1999-07-02
16 <160> NUMBER OF SEQ ID NOS: 14
18 <170> SOFTWARE: PatentIn Ver. 2.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 39
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Description of Artificial Sequence:synthesized by referring
27 to the random sequence 13mer that does not contain T,
28 and the following sequence of one end of the exon 11 region
29 of p53 gene within the human genomic DNA
31 <400> SEQUENCE: 1
32 gacgacgaca agacacctga agtccaaaaa gggtcagtc 39
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 40
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Description of Artificial Sequence:synthesized by referring
41 to the random sequence 14mer that does not contain T, and the
42 following sequence of one end of the exon 11 region of p53 gene
43 within the human genomic DNA
45 <400> SEQUENCE: 2
46 gaggagaagc ccggtggcag caaagtttta ttgtaaaata 40
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 26
50 <212> TYPE: DNA
51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: Description of Artificial Sequence:synthesized by
55 referring to the sequence of one end of the exon
56 11 region of p53 gene within the human genomic DNA
58 <400> SEQUENCE: 3
59 cacctgaagt ccaaaaaggg tcagtc 26
61 <210> SEQ ID NO: 4
62 <211> LENGTH: 26
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:

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 PATENT APPLICATION:    US/09/607,361C        TIME: 15:16:47

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67 <223> OTHER INFORMATION: Description of Artificial Sequence:synthesized by
68   referring to the sequence of one end of the exon
69   11 region of p53 gene within the human genomic DNA
71 <400> SEQUENCE: 4
72 tggcagcaaa gttttattgt aaaata                               26
74 <210> SEQ ID NO: 5
75 <211> LENGTH: 60
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence:synthesized by
81   referring to the nucleotide sequence in the
82   proximity of SnaBI recognition site of M13mp18RF
84 <400> SEQUENCE: 5
85 agaggctttg aggactaaag actttttcat gaggaagttt ccattaaacg ggtaaaatac 60
87 <210> SEQ ID NO: 6
88 <211> LENGTH: 60
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence:synthesized by
94   referring to the nucleotide sequence in the
95   proximity of SnaBI recognition site of M13mp18RF
97 <400> SEQUENCE: 6
98 gtattttacc cgtttaatgg aaacttcttc atgaaaaagt ctttagtctc caaacctct 60
100 <210> SEQ ID NO: 7
101 <211> LENGTH: 60
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Description of Artificial Sequence:synthesized by
107   referring to the nucleotide sequence in the
108   proximity of ScaI recognition site of pBR322
110 <400> SEQUENCE: 7
111 cactgcataa ttctttact gtcatgccat ccgtaagatg cttttctgtg actggtgagt 60
113 <210> SEQ ID NO: 8
114 <211> LENGTH: 60
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Description of Artificial Sequence:synthesized by
120   referring to the nucleotide sequence in the
121   proximity of SnaBI recognition site of M13mp18RF
123 <400> SEQUENCE: 8
124 tgtttttagtg tattttttcg cctctttcgt tttaggttg tgcttcctga gtggcattac 60
126 <210> SEQ ID NO: 9
127 <211> LENGTH: 60
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence

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## RAW SEQUENCE LISTING

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131 <220> FEATURE:
132 <223> OTHER INFORMATION: Description of Artificial Sequence:synthesized by
133     referring to the nucleotide sequence in the
134     proximity of SnaBI recognition site of M13mp18RF
136 <400> SEQUENCE: 9
137 gtaatgccac tacgaaggca ccaacctaaa acgaaagagg cgaaagaata cactaaaaa 60
139 <210> SEQ ID NO: 10
140 <211> LENGTH: 40
141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Description of Artificial Sequence:synthesized by
146     referring to the end sequence of DNA obtained by
147     cleaving M13mp18RF with SnaBI
149 <400> SEQUENCE: 10
150 actttttcat gaggaagttt ccattaaacg ggtaaaatac 40
152 <210> SEQ ID NO: 11
153 <211> LENGTH: 23
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Description of double stranded sequence (DNA 1)recited in

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Figure 1.

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160 <400> SEQUENCE: 11
161 ctagtatcgg acgacgacaa gat 23
164 <210> SEQ ID NO: 12
165 <211> LENGTH: 23
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of double stranded sequence (DNA 2)recited in

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Figure 1. The

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171     sequence from nucleotide numbers 15 to 23 is double stranded.
173 <400> SEQUENCE: 12
174 gacgacgaca agatgatcat gat 23
177 <210> SEQ ID NO: 13
178 <211> LENGTH: 32
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Description of double stranded sequence (DNA (1+2)) recited

```

in Figure 1.

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185 <400> SEQUENCE: 13
186 ctagtatcgg acgacgacaa gatgatcatg at 32
189 <210> SEQ ID NO: 14
190 <211> LENGTH: 10
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of double stranded sequence recited in Figure 2.
197 <400> SEQUENCE: 14
198 aaaaaaaaaa 10

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VERIFICATION SUMMARY

DATE: 11/16/2001

PATENT APPLICATION: US/09/607,361C

TIME: 15:16:48

Input Set : A:\Seq List.txt

Output Set: N:\CRF3\11162001\I607361C.raw